

ANNUAL  
1966

551.57  
T 25 p 1  
1966

ANNUAL  
1966

# PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1966

## SUMMARY

(All Figures are in Inches)

### AVERAGE PRECIPITATION

Above Chattanooga	(51.11)	53.70
Below Chattanooga	(52.10)	48.48
Entire Basin	(51.58)	51.28

### MOST RAIN

Coweeta No. 31, N.C.	(92.01)	94.34
----------------------	---------	-------

### LEAST RAIN

Winchester Sub., Tenn.	(53.49)	38.01
------------------------	---------	-------

### HIGHEST 24-HOUR RAIN

Cedar Mountain, N.C.		8.47
----------------------	--	------

### NATURAL STREAMFLOW

Above Knoxville	(19.44)	18.75
Above Chattanooga	(23.57)	20.39

Number in parentheses is long-term mean.

THE LIBRARY OF THE  
JUN 30 1967

UNIVERSITY OF ILLINOIS

TENNESSEE VALLEY AUTHORITY  

---

DIVISION OF WATER CONTROL PLANNING  
HYDRAULIC DATA BRANCH

# PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1966

## CONTENTS

	<u>Page</u>
Isohyetal Map 1966 Annual Precipitation	Frontispiece
Precipitation	1
Snow	2
Streamflow	3
Evaporation	3
Drought	3
Temperatures	3
Monthly Reports	4
Special Reports	4
Map of Average Precipitation on Watershed Subdivisions	9
Rainfall and Runoff in Tennessee River Basin - Chart	13
Index Map to Rainfall Stations, follows page 14	

## TABLES

1966 Annual Precipitation at Ten Wettest and Ten Driest Stations	2
Annual Natural Streamflow in Inches	3
Monthly Average Precipitation	5
Precipitation Statistics for Selected Stations	5
Ten Highest Rainfall Intensities During 1966	8
Average Precipitation on Watershed Subdivisions	10
Rainfall and Runoff for Selected Watersheds	11
Monthly and Annual Rainfall and Runoff Above Chattanooga	12
Evaporation Data	14
Monthly and Annual Precipitation	19

TENNESSEE VALLEY AUTHORITY  
DIVISION OF WATER CONTROL PLANNING  
HYDRAULIC DATA BRANCH

ANNUAL 1966

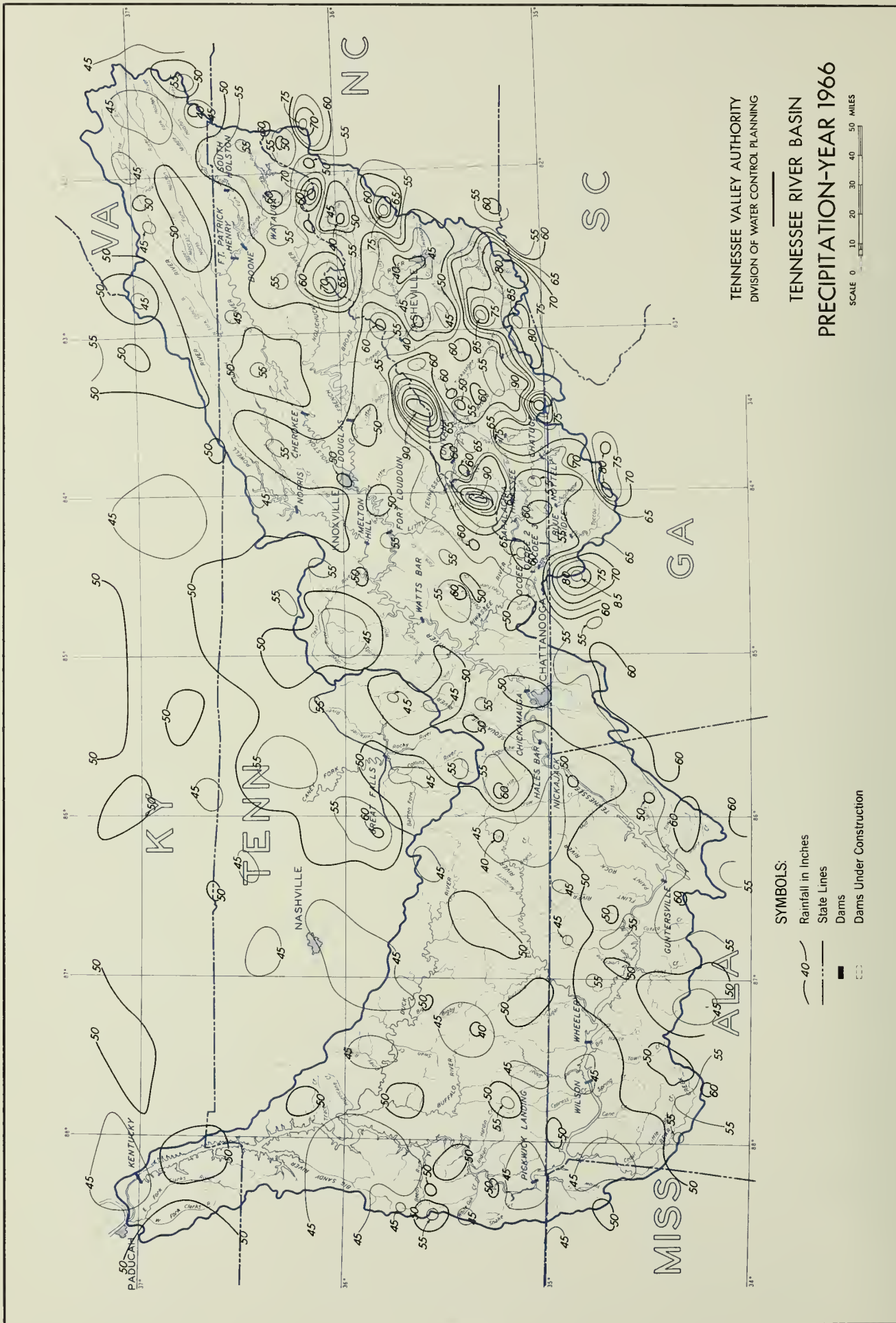
PRECIPITATION  
IN  
TENNESSEE RIVER BASIN

---

REPORT NO. O-243

---





357.57  
T 25 p 1  
1966

## PRECIPITATION IN TENNESSEE RIVER BASIN

### ANNUAL 1966

#### Precipitation

Precipitation was near normal over the Tennessee River Basin during 1966 averaging 51.28 inches, only 0.30 inch less than the 75-year (1890-1964) mean. Average annual precipitation has ranged from 37.86 inches in 1941 to 64.62 inches in 1957. Above Chattanooga, precipitation was above the long-term mean, and below Chattanooga, it was below the mean. These amounts are listed in the summary on the cover of this report. The frontispiece map shows the 1966 annual distribution of precipitation over the Basin.

The index map following page 14 shows the station locations, and Tables 1 through 10 on pages 19 to 57 show daily precipitation data for stations listed in upstream order.

Monthly precipitation in the Basin exceeded the 75-year mean during eight months of the year, with January, March, June, and December below the mean. The driest month was June (2.06 inches), and the wettest was February (5.42 inches). The table on page 5 shows monthly and annual precipitation data with means and deviations for the Basin.

The U. S. Forest Service station at Coweeta No. 31, North Carolina, located in the upper Little Tennessee River watershed in the mountainous southeastern section of the Basin, received the maximum monthly and annual precipitation during 1966. The total for the year was 94.34 inches, 2.33 inches above the 30-year (1935-1964) mean. The maximum monthly precipitation at this station was 16.36 inches in February. Other high monthly totals were 14.05 inches in August at Cheoah Dam, North Carolina, and 12.43 inches in July at Dungannon, Virginia.

The minimum monthly station precipitation was 0.2 inch in June at Hytop, Alabama. Other low monthly totals were 0.37 inch in March at Benton, Kentucky, and 0.60 inch in October at Iron City, Tennessee. The lowest total 1966 precipitation in the Basin was 38.01 inches at Winchester Substation, Tennessee, located in the upper Elk River Basin.

The 10 highest and lowest amounts for 1966 in the Tennessee River Basin are listed in the following table:



1966 Annual Precipitation  
At Ten Wettest and Ten Driest Stations  
in the  
Tennessee River Basin

<u>Highest Amounts</u>		<u>Lowest Amounts</u>	
<u>Station</u>	<u>1966 Annual Precipitation inches</u>	<u>Station</u>	<u>1966 Annual Precipitation inches</u>
Coweeta No. 31, N.C.	94.34	Winchester Substa., Tenn.	38.01
Haw Knob, Tenn.	93.60	Parker Branch, N.C.	38.36
Mt. Le Conte, Tenn.	92.67	Bone Cave, Ala. (Radio)	38.9
N Citico Cr No. 3, Tenn.	91.3	Asheville, N.C. (USWB)	39.03
Clingmans Dome, N.C.	90.56	Waynesville Wtrshd No. 6, N.C.	39.21
Flat Top, Ga.	87.43	Asheville, N.C. (TVA)	39.44
Haywood Gap, N.C.	86.19	Ethridge, Tenn.	39.46
Haw Knob, Tenn. (Radio)	85.6	Konnarock, Va. (Radio)	39.6
Cedar Mountain, N.C.	84.43	Weaverville, N.C.	39.76
Highlands, N.C.	83.12	Cavvia, Tenn. (Radio)	39.9

Precipitation statistics for selected stations throughout the Basin are shown on pages 5 to 8.

The greatest station precipitation in a 24-hour period during the year was 8.47 inches on February 12-13 at Cedar Mountain, North Carolina, during a storm which caused flooding on some unregulated tributary streams in the eastern half of the Tennessee River Basin. The table on page 8 shows the stations with the 10 highest rainfall intensities during the year.

Over the watershed subdivisions the maximum annual average for 1966 was 75.3 inches over the French Broad River watershed above Blantyre, North Carolina, 1.8 inches more than the 30-year mean of 73.5 inches. The minimum annual average was 45.6 inches over the Duck River watershed from Columbia to the mouth, 4.8 inches less than the 30-year mean of 50.4 inches. The 1966 precipitation totals for the individual watershed subdivisions are shown on the map on page 9 and for selected watersheds in the table on page 10.

Precipitation for the year on 14 selected watersheds is shown on page 11. Other tabulations and charts on pages 12 and 13 show selected data on precipitation and runoff.

### Snow

The average snowfall over the Basin during the year was 20.2 inches with about two-thirds of this occurring in January. East of Chattanooga, the

average snowfall was 24.9 inches; west of Chattanooga, it was 14.8 inches. Record or near-record snowfall amounts occurred in January, and record early season snowfall occurred in November. The maximum for the Basin, 81.1 inches, occurred at McKinney Gap, North Carolina, in the Nolichucky River watershed. Cataloochee Ranch, North Carolina, in the Pigeon River watershed, had 75.8 inches. In the western section of the Basin the maximum snowfall was 36.0 inches at Monteagle, Tennessee. In the Caney Fork area above Great Falls Dam the average snowfall for the year was 18.3 inches, with a maximum of 27.0 inches at Monterey, Tennessee.

### Streamflow

Streamflow in the Basin was below normal for seven months in 1966, with May, August, October, November, and December above the mean.

Flows from the watersheds above Chattanooga and Knoxville are shown on the cover and in the following table:

#### ANNUAL NATURAL STREAMFLOW IN INCHES - 1966

<u>Tennessee River at</u>	<u>Water Year</u>		<u>Calendar Year</u>	
	<u>1966</u>	<u>Mean</u>	<u>1966</u>	<u>Mean</u>
Knoxville	14.61	19.41	18.75	19.44
Chattanooga	16.18	23.55	20.39	23.57

Other tabulations and charts on pages 11, 12, and 13 show selected runoff data.

### Evaporation

Data observed at the five TVA evaporation stations are shown in the table on page 14.

### Drought

Drought conditions occurred in the Basin in May, June, and July. Rainfall in June was the lowest for that month since 1936 and the fifth driest in 77 years of record.

### Temperatures

Air temperatures in 1966 averaged below normal with some new record lows established.

One of the worst cold waves since the turn of the century occurred over most of the Valley on January 29-31. New low temperatures were reported at several stations in the Basin. At Russellville, Alabama, a low of minus 24 degrees on January 30 was the lowest temperature ever recorded in the state. On this date North Carolina also experienced a record low of minus 29 degrees at Mt. Mitchell. At Chattanooga, the minus 10 degrees recorded on January 31 equaled the previous low which occurred in February 1899.

A severe cold spell occurred on May 9-11, with record-low temperatures recorded on May 10. New lows for so late in the season were reached at Bristol, Memphis, and Nashville of 32 degrees, 40 degrees, and 37 degrees, respectively.

### Monthly Reports

Monthly issues of the bulletin "Precipitation in Tennessee River Basin" contain tabulations of daily precipitation at stations located in or near the Basin, together with isohyetal maps of monthly precipitation, maps showing mean monthly precipitation on watershed subdivisions, descriptions of storms, tabulations of rainfall and runoff on selected watersheds, intense rainfall data, and other information.

### Special Reports

Reports on special storm investigations were published in monthly issues of this publication during 1966. These reports and the date of the issue in which they appear are as follows:

	<u>Monthly Bulletin Containing Report</u>
Floods of February 12 and 13 at Gatlinburg, Sevierville, Upper French Broad, Upper Clinch and Holston, Little River, Little Tennessee, and Hiwassee River Basins	February
Intense Storms in Beech River Watershed, Gatlinburg and Vicinity, Johnson City, Knoxville, Deals Gap, and Buncombe County, North Carolina	August
Intense Storms in Duck River at Columbia, Big Rock Creek at Lewisburg, Cane Creek at Petersburg, and Upper Bear Creek	December



# TENNESSEE RIVER BASIN PRECIPITATION DURING 1966

## Precipitation in Inches

<u>Month</u>	<u>Above Chattanooga 1966</u>	<u>Below Chattanooga 1966</u>	<u>Tennessee River Basin</u>			
			<u>1966</u>	<u>75-Yr Mean</u>	<u>Deviation from Mean Monthly</u>	<u>Cumulative</u>
January	3.78	4.63	4.18	4.88	-0.70	-0.70
February	5.80	4.99	5.42	4.84	+0.58	-0.12
March	3.31	2.19	2.79	5.61	-2.82	-2.94
April	5.10	4.16	4.66	4.48	+0.18	-2.76
May	3.96	5.75	4.80	4.08	+0.72	-2.04
June	2.15	1.96	2.06	4.24	-2.18	-4.22
July	5.90	4.22	5.12	4.91	+0.21	-4.01
August	5.68	5.07	5.40	4.17	+1.23	-2.78
September	5.23	3.73	4.53	3.20	+1.33	-1.45
October	4.63	3.47	4.09	2.84	+1.25	-0.20
November	4.60	2.83	3.77	3.57	+0.20	0.00
December	3.56	5.48	4.46	4.76	-0.30	-0.30
Total	53.70	48.48	51.28	51.58		

Mean precipitation figures are for the period 1890-1964.

# PRECIPITATION STATISTICS FOR SELECTED STATIONS

## Precipitation in Inches

<u>Month</u>	<u>Long-</u>	<u>Maximum</u>		<u>Minimum</u>		<u>Year</u>
	<u>Term</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>	<u>Year</u>	
	<u>Mean</u>					<u>1966</u>
<u>ELIZABETHTON, TENNESSEE (75 Years)</u>						
January	3.44	8.13	1947	0.46	1896	2.96
February	3.42	7.59	1944	0.48	1906	3.29
March	4.22	10.72	1899	1.37	1937	2.11
April	3.39	6.05	1912	0.65	1942	5.37
May	3.98	7.73	1915	1.08	1941	2.70
June	4.64	16.38	1872	1.33	1946	2.12
July	5.16	10.56	1896	1.10	1872	8.92
August	4.35	12.14	1901	0.89	1896	6.01
September	2.91	7.61	1928	0.30	1903	6.02
October	2.55	7.61	1918	0.02	1904	4.06
November	2.43	5.02	1948	0.61	1931	3.62
December	3.31	9.87	1872	0.30	1965	3.20
Annual	43.80	58.91	1928	29.06	1941	50.38

PRECIPITATION STATISTICS FOR SELECTED STATIONS--ContinuedPrecipitation in Inches

<u>Month</u>	<u>Long- Term Mean</u>	<u>Maximum of Record Amount</u>	<u>Year</u>	<u>Minimum of Record Amount</u>	<u>Year</u>	<u>Year 1966</u>
<u>MURPHY, NORTH CAROLINA (92 Years)</u>						
January	5.57	14.85	1882	1.75	1907	4.56
February	5.73	15.10	1873	0.56	1906	7.22
March	6.32	15.34	1917	2.09	1918	5.06
April	4.85	15.40	1874	0.30	1915	6.19
May	3.99	11.25	1929	0.46	1941	3.63
June	4.91	9.31	1884	0.94	1964	2.60
July	5.64	13.42	1950	0.89	1957	5.86
August	4.92	13.96	1920	0.95	1953	5.50
September	3.33	8.04	1962	0.20	1876	3.87
October	3.07	9.27	1949	0.00	1963	5.21
November	3.80	13.18	1948	0.51	1924	4.06
December	5.16	12.98	1932	0.48	1965	2.86
Annual	57.29	84.80	1875	40.00	1940	56.62

CHATTANOOGA, TENNESSEE (88 Years)

January	5.24	14.74	1882	1.13	1961	3.67
February	5.09	12.30	1939	0.62	1941	6.50
March	5.95	14.05	1899	0.93	1910	2.99
April	4.69	15.29	1911	0.44	1942	2.93
May	3.82	12.00	1929	0.54	1941	4.00
June	4.06	9.40	1949	0.29	1931	1.03
July	4.63	13.49	1916	0.20	1957	4.51
August	3.76	12.36	1920	0.45	1929	4.16
September	3.16	12.19	1957	0.04	1919	6.40
October	2.95	11.91	1925	0.08	1938	4.77
November	3.63	13.59	1948	0.16	1890	2.65
December	5.04	13.68	1961	0.44	1889	3.58
Annual	52.02	72.37	1929	32.68	1904	47.19

LEWISBURG, TENNESSEE (73 Years)

January	5.21	17.05	1950	1.26	1943	3.65
February	5.18	13.14	1939	1.08	1941	3.77
March	5.92	12.50	1902	0.94	1910	1.67
April	4.58	12.60	1912	0.56	1915	3.75
May	4.02	8.50	1933	0.60	1941	5.74
June	4.01	13.46	1900	0.72	1899	2.80
July	4.46	9.85	1941	0.84	1954	4.27
August	3.96	11.40	1923	0.57	1909	5.97
September	3.15	12.41	1957	0.32	1927	2.01
October	2.87	8.88	1919	T	1963	3.36
November	3.81	10.27	1948	0.46	1953	3.14
December	4.78	11.71	1922	0.77	1958	7.67
Annual	51.95	66.62	1950	37.42	1904	47.80

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

<u>Month</u>	<u>Long- Term Mean</u>	<u>Maximum of Record Amount</u>	<u>Year</u>	<u>Minimum of Record Amount</u>	<u>Year</u>	<u>Year 1966</u>
<u>MUSCLE SHOALS, ALABAMA* (83 Years)</u>						
January	5.12	13.09	1950	1.20	1961	5.15
February	5.08	13.64	1948	0.54	1941	4.68
March	5.83	16.15	1897	1.26	1910	1.46
April	4.58	16.07	1892	0.74	1930	3.76
May	3.86	11.29	1939	0.16	1941	5.29
June	4.03	13.87	1900	0.60	1897	2.99
July	4.45	14.60	1916	0.77	1935	4.34
August	3.69	10.60	1894	0.35	1948	3.42
September	2.97	7.87	1890	0.00	1897	3.72
October	2.57	11.05	1918	0.00 <sup>+</sup>	1924	1.38
November	3.48	11.39	1948	0.16	1949	2.41
December	4.87	14.59	1926	0.83	1958	6.74
Annual	50.53	76.21	1932	30.92	1943	45.34

\*Before December 1940 this station was at Florence, Alabama.

+Also minimum for 1963.

JOHNSONVILLE STEAM PLANT, TENNESSEE\* (83 Years)

January	5.38	23.51	1937	0.44	1963	3.21
February	4.37	9.56	1939	0.79	1947	4.36
March	5.28	13.07	1927	0.59	1910	2.10
April	4.60	12.29	1892	0.53	1887	4.49
May	4.24	10.19	1909	0.48	1951	4.94
June	4.00	13.34	1928	0.37	1930	1.08
July	4.08	10.12	1892	0.06	1890	3.61
August	3.73	13.70	1914	0.34	1948	4.33
September	3.41	11.31	1921	0.00	1897	2.84
October	2.73	11.44	1919	0.00	1963	2.14
November	4.08	11.90	1906	0.74	1949	2.07
December	4.52	14.66	1926	0.05	1889	5.21
Annual	50.42	76.17	1950	32.48	1960	40.38

\*Before August 1949 records collected at Johnsonville have been used.

HENDERSONVILLE, NORTH CAROLINA (70 Years)

January	4.64	12.40	1906	0.39	1907	3.66
February	4.75	10.73	1891	0.54	1930	9.16
March	5.43	11.67*	1891	0.96	1930	2.36
April	4.43	9.38	1920	0.43	1915	5.00
May	4.35	12.70	1942	0.95	1914	4.56
June	5.14	11.56	1934	0.96	1911	1.73
July	6.08	22.09	1916	1.72	1957	3.83
August	6.07	26.58	1901	0.49	1925	6.10
September	4.46	14.00	1906	0.22	1919	6.52
October	4.15	14.59	1918	0.01	1904	5.77
November	3.38	12.54	1948	0.21	1910	4.08
December	4.98	12.85	1918	0.23	1965	2.61
Annual	57.86	92.60	1901	32.55	1925	55.38

\*Also maximum for March 1952.

PRECIPITATION STATISTICS FOR SELECTED STATIONS--ContinuedPrecipitation in Inches

<u>Month</u>	<u>Long-</u> <u>Term</u>	<u>Maximum</u> <u>of Record</u>		<u>Minimum</u> <u>of Record</u>		<u>Year</u> 1966
	<u>Mean</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>	<u>Year</u>	
<u>KNOXVILLE, TENNESSEE (96 Years)</u>						
January	4.67	16.98	1882	1.29	1907	3.71
February	4.74	12.52	1873	0.56	1898	4.74
March	5.16	13.35	1917	0.72	1910	2.09
April	4.23	17.32	1874	0.70	1942	5.47
May	3.73	8.81	1938	0.71	1941	3.42
June	4.09	11.83	1928	1.39	1936	2.41
July	4.55	13.16	1917	0.69	1901	3.78
August	3.84	11.33	1920	1.10	1953	6.94
September	2.84	10.78	1944	0.18	1961	4.44
October	2.56	9.51	1925	0.00	1963	4.60
November	3.38	11.69	1948	0.17	1890	5.06
December	4.29	12.34	1901	0.47	1965	3.03
Annual	48.08	73.87	1875	33.67	1930	49.69

TEN HIGHEST RAINFALL INTENSITIES DURING 1966IN TENNESSEE RIVER BASINIntense Rainfall is 1 Inch Per Hour or 3 Inches in 24 Hours

<u>Station</u> <u>Number</u>	<u>Station Name</u>	<u>Date</u>	<u>Precipitation</u>	
			<u>Amount</u> inches	<u>Duration</u> hours
283	Cedar Mountain, N. C. (R)	Feb. 12-13	8.47**	24.0
679	Hicksville, Ky.	Jan. 1-2	7.68	*
191	Owens Gap, N. C.	Feb. 12-13	7.47	*
283A	Buck Forest, N. C.	Feb. 12-13	7.45	*
660	Twentymile, N. C.	Aug. 19-20	7.35	*
69	Paint Rock, Ala. (R)	Aug. 16-17	7.31	24.0
200F	Coweeta No. 31, N. C.	Feb. 12-13	7.18	*
663A	Quebec, N. C. (R)	Feb. 12-13	6.90	24.0
774	Belfast Substa., Tenn.	Dec. 8-9	6.78	24.0
662	Gloucester Gap, N. C. (R)	Feb. 12-13	6.62	24.0

(R) Recorder

\*Occurred in 24 hours or less, exact duration unknown.

\*\*Greatest intensity for time interval.





**SYMBOLS:**

- Watershed Subdivision Boundaries
- Dams
- Dams Under Construction
- Selected Rainfall-Runoff Watershed
- State Lines
- Black Numbers Indicate Average Precipitation in Inches.

TENNESSEE VALLEY AUTHORITY  
DIVISION OF WATER CONTROL PLANNING

# AVERAGE PRECIPITATION ON WATERSHED SUBDIVISIONS

YEAR 1966

SCALE 0 10 20 30 40 50 MILES

AREA NO.	AREA	AREA NO.	AREA	AREA NO.	AREA
1	Tennessee-New Johnsonville to Mouth of Tennessee-Pickwick to New Johnsonville	73	Little Tennessee-Bryson, Needmore and Nantahala to Fontana Dam	101	Pigeon-Canton to Hartford
4	Tennessee-Pickwick to New Johnsonville	74	Tuckasee-Dillsboro to Bryson	105	Pigeon-Above Canton
7	Duck-Columbia to Mouth	75	Little Tennessee-Above Needmore	106	French Broad-Ashville
10	Duck-Above Columbia	76	Nantahala-Above Nantahala	110	French Broad-Bent Creek to Asheville
13	Buffalo-Above Loblerville	78	French Broad and Holston-Douglas and Cherokee to Knoxville	114	French Broad-Blantyre to Bent Creek
15	Tennessee-Florence to Pickwick	84	French Broad and Holston	117	French Broad-Blantyre to Blantyre
18	Bear Creek-Above Bishop	87	Holston-Gate City and Kingsport to Cherokee Dam	120	Nolichucky-Embsville to Above Morristown
21	Shoals-Above Florence	88	North Fork of Holston-Above Gate City	121	Nolichucky-Above Embreville
22	Shoals-Above Florence	89	South Fork of Holston-Holston Dam and Watauga Dam	125	Carry Fork-Above Great Falls Dam
23	Elk-Above Fayetteville	92	South Fork of Holston-Above South Holston Dam		
26	Tennessee-Guntersville to Decatur	93	Watauga-Above Watauga Dam		
27	Flint-Above Chase	99	French Broad-Hartford, Newport and Bent Creek to Douglas Dam		
28	Paint Rock-Above Woodville				
30	Tennessee-Pickwick to New Johnsonville				
33	Tennessee-Pickwick to New Johnsonville				
34	Tennessee-Chickamauga to Hales Bar				
39	Tennessee-Watts Bar to Chickamauga				
40	Hwassee-Reliance and Ocoee No. 1 to Charleston				
41	Ocoee-Blue Ridge to Ocoee No. 1				
46	Toccoa-Above Blue Ridge				
48	Hwassee-Hwassee Dam to Reliance				
49	Hwassee-Murphy, Nottely Dam and Tomotilla to Hwassee Dam				
52	Nottely-Above Nottely Dam				
54	Hwassee-Murphy, Nottely Dam and Tomotilla to Hwassee Dam				
55	Valley-Above Tomotilla				
57	Tennessee and Clinch-Fort Loudoun to Watts Bar and Kingston to Norris Dam				
59	Emory-Above Oakdale				
62	Clinch-Arthur and Tazewell to Norris				
63	Cowell-Above Arthur				
67	Tennessee-Knoxville to Fort Loudoun				
69	Little Tennessee-Caldwellwood to McGhee				
70	Little Tennessee-Fontana and Santeehah to Caldwellwood				
71	Cheach-Above Santeehah				



## AVERAGE PRECIPITATION ON WATERSHED SUBDIVISIONS

## 1966 MONTHLY AND ANNUAL

		Average Precipitation - Inches												
Subdivision		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Entire Tennessee River Basin	1966 Average	4.18	5.42	2.79	4.66	4.80	2.06	5.12	5.40	4.53	4.09	3.77	4.46	51.28
	30-Yr Average	5.47	5.26	5.67	4.46	3.81	3.96	4.90	3.90	3.17	2.65	3.97	4.54	51.76
Area Above Chattanooga	1966 Average	3.78	5.80	3.31	5.10	3.96	2.15	5.90	5.68	5.23	4.63	4.60	3.56	53.70
	30-Yr Average	5.07	5.00	5.42	4.22	3.79	4.12	5.34	4.27	3.22	2.77	3.68	4.34	51.24
Area Below Chattanooga	1966 Average	4.63	4.99	2.19	4.16	5.75	1.96	4.22	5.07	3.73	3.47	2.83	5.48	48.48
	30-Yr Average	5.93	5.55	5.96	4.74	3.84	3.78	4.39	3.48	3.12	2.51	4.30	4.75	52.35
French Broad Above Newport	1966 Average	3.83	6.62	2.99	5.16	3.75	2.63	5.28	6.33	5.43	5.00	4.31	3.07	54.40
	30-Yr Average	4.42	4.42	5.21	4.20	3.75	4.49	5.76	5.26	3.75	3.31	3.44	3.91	51.92
French Broad Above Douglas Dam	1966 Average	3.80	5.83	2.93	4.97	3.58	2.62	5.78	5.94	5.48	4.78	4.39	3.17	53.27
	30-Yr Average	4.39	4.41	5.08	3.97	3.68	4.22	5.55	4.73	3.42	3.00	3.35	3.78	49.58
Holston Above Cherokee Dam	1966 Average	3.09	4.01	2.44	5.26	3.38	2.08	7.48	5.60	5.78	3.94	4.24	3.44	50.74
	30-Yr Average	4.07	4.00	4.50	3.45	3.79	3.84	5.14	4.03	2.89	2.41	3.05	3.43	44.60
Holston and French Broad Above Knoxville	1966 Average	3.52	5.04	2.78	5.05	3.51	2.39	6.48	5.87	5.52	4.46	4.44	3.26	52.32
	30-Yr Average	4.33	4.32	4.87	3.77	3.73	4.05	5.36	4.38	3.17	2.73	3.27	3.68	47.66
Little Tennessee Above McGhee	1966 Average	4.70	8.50	4.83	5.93	4.11	2.61	5.42	6.62	5.11	6.30	5.71	4.30	64.14
	30-Yr Average	6.15	6.04	6.55	5.02	4.11	4.63	6.03	4.90	3.56	3.22	4.26	5.22	59.69
Little Tennessee Above Fontana Dam	1966 Average	4.73	9.32	4.74	6.11	3.98	2.57	4.63	5.69	5.60	6.50	5.56	4.87	64.30
	30-Yr Average	6.19	6.10	6.67	5.08	4.07	4.65	6.13	5.04	3.77	3.36	4.20	5.33	60.59
Clinch Above Norris Dam	1966 Average	2.91	4.12	2.75	4.46	3.14	2.26	7.19	5.60	5.01	3.15	4.41	3.62	48.62
	30-Yr Average	4.62	4.48	4.96	3.61	3.81	4.04	5.06	3.98	2.87	2.40	3.35	3.83	47.01
Hivasssee Above Charleston	1966 Average	4.70	7.96	5.13	7.10	5.29	1.85	5.16	4.66	4.63	5.58	4.56	3.43	60.05
	30-Yr Average	5.98	5.94	6.36	5.12	3.91	4.45	5.73	4.49	3.42	3.06	4.13	5.18	57.77
Hivasssee Above Hivasssee Dam	1966 Average	4.88	8.59	5.67	7.55	5.32	2.27	5.15	4.76	5.27	5.85	4.87	3.89	64.07
	30-Yr Average	5.97	5.99	6.45	5.25	3.99	4.68	6.08	4.75	3.58	3.17	3.99	5.20	59.10

Note: 30-Year Averages Based on 1935-1964 Averages.

# RAINFALL AND RUNOFF FOR SELECTED WATERSHEDS

Stream	Station	Drainage Area sq. mi.	January 1 - December 31, 1966			Runoff in Percent of Rainfall	Rainfall Minus Runoff inches
			Rain- fall inches	Departure <sup>a</sup> inches	Departure <sup>b</sup> inches		
Big Sandy River	Bruceton	205	44.5	-7.5	-7.0	25.2	33.3
Duck River	Hurricane Mills	2571	46.5	-4.8	-5.5	28.8	33.1
Bear Creek	Bishop	667	52.0	-2.1	-6.7	25.6	38.7
Elk River	Prospect	1784	48.3	-6.2	-7.8	28.8	34.4
Paint Rock River	Woodville	320	49.0	-7.0	-4.9	42.7	28.1
South Chickamauga Creek	Chickamauga	428	53.6	-0.4	-3.0	34.3	35.2
Toccoa River	Dial	177	64.9	-1.0	+1.3	55.0	29.2
Sewee Creek	Decatur	117	52.1	-0.6	-4.6	35.3	33.7
Emory River	Oakdale	764	47.6	-5.4	-3.3	43.3	27.0
Clinch River	Tazewell	1474	48.1	+2.8	-2.0	36.8	30.4
Little Tennessee River	Needmore	436	64.6	+2.6	+1.3	49.8	32.4
North Fork Holston River	Saltville	222	45.5	+4.0	-1.0	37.4	28.5
Little Pigeon River	Sevierville	353	59.1	+4.7	+2.5	39.8	35.6
French Broad River	Asheville	945	59.6	+1.3	+0.3	45.6	32.4

a. Rainfall departures are referred to the 30-year means for the period 1935-1964.

b. Cumulative runoff departures are referred to medians furnished by the U. S. Geological Survey.

Locations of watersheds are shown on map "Average Precipitation on Watershed Subdivisions." Runoff data are furnished by the U. S. Geological Survey and are tentative.

MONTHLY AND ANNUAL RAINFALL AND RUNOFF

12

TENNESSEE RIVER ABOVE CHATTANOOGA, TENNESSEE

Drainage Area - 21,400 Square Miles

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>	<u>Annual</u>
	<u>Rainfall in Inches 1890 - 1966</u>												
1966	3.78	5.80	3.31	5.10	3.96	2.15	5.90	5.68	5.23	4.63	4.60	3.56	53.70
Maximum	10.32	9.69	11.40	7.49	7.95	8.67	11.07	13.33	7.69	8.37	10.30	9.98	64.09
Minimum	1.42	0.96	1.37	0.95	0.80	1.73	2.02	1.25	0.77	0.04	0.44	0.54	37.23
Mean <sup>a</sup>	4.57	4.71	5.38	4.20	4.04	4.45	5.27	4.50	3.26	2.90	3.28	4.55	51.11
Median <sup>a</sup>	4.23	4.47	5.15	4.15	3.80	4.49	5.07	4.15	3.21	2.48	3.13	4.20	51.94

a. For Period 1890 - 1964

Runoff in Inches 1874 - 1966  
(Unregulated)

1966	0.78	3.42	2.22	1.90	2.41	0.75	0.82	1.28	0.99	1.55	2.07	2.20	20.39
Maximum	9.42	7.45	9.62	7.11	5.28	3.75	3.90	4.28	2.69	3.17	3.77	5.11	36.54
Minimum	0.50	0.62	1.30	1.01	0.61	0.50	0.45	0.26	0.21	0.30	0.30	0.41	11.22
Mean <sup>b</sup>	3.03	3.27	3.81	2.98	1.99	1.42	1.32	1.13	0.84	0.80	1.10	1.93	23.62
Median <sup>b</sup>	2.76	3.11	3.28	2.73	1.76	1.26	1.11	0.96	0.69	0.70	0.84	1.68	23.61

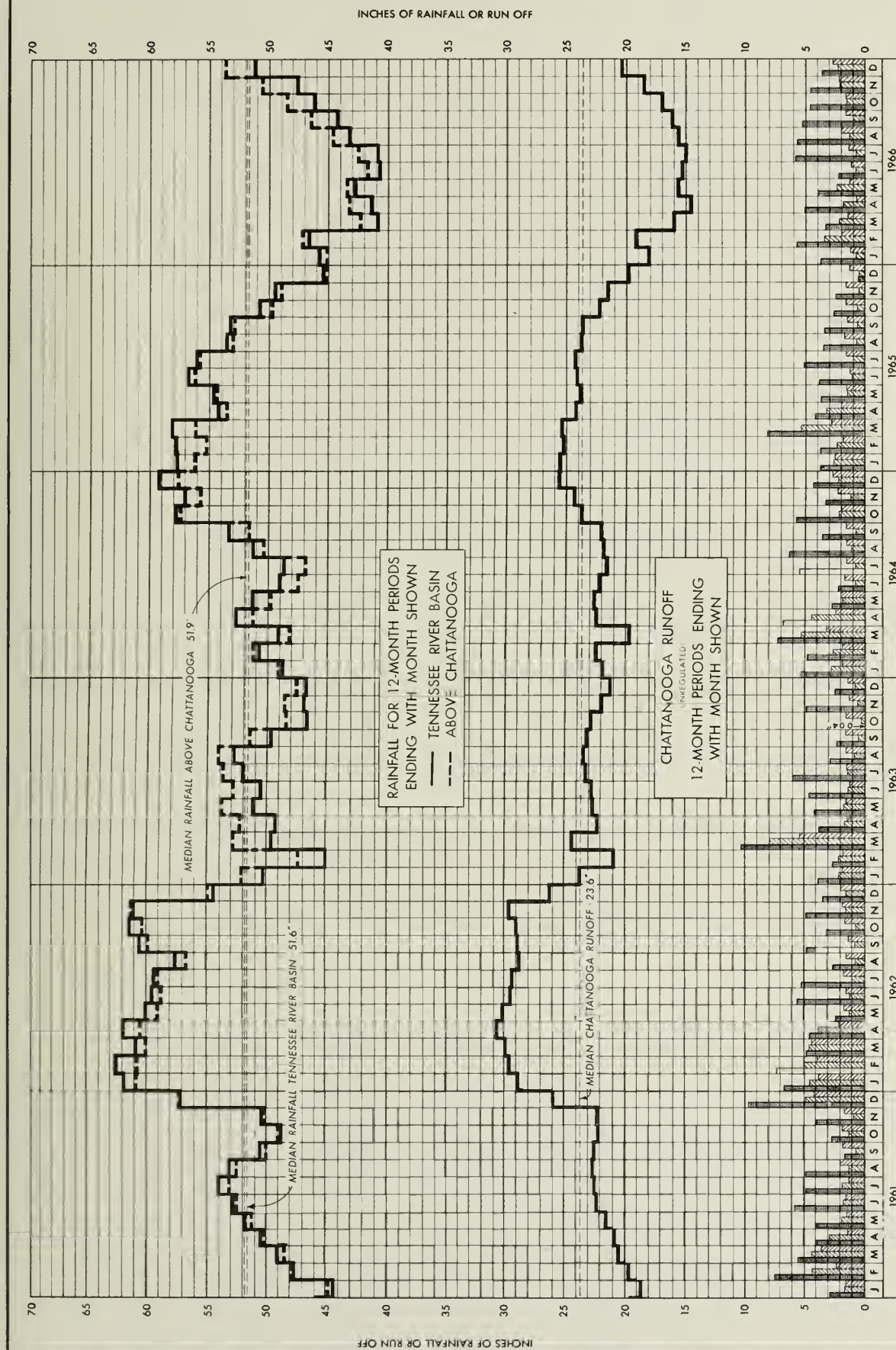
b. For Period 1874 - 1964

Runoff in Cubic Feet Per Second 1874 - 1966  
(Unregulated)

1966	14,500	70,200	41,200	36,500	44,800	14,300	15,100	23,800	18,900	28,800	39,800	40,900	32,100
Maximum	174,800	147,800	178,500	136,400	98,000	72,000	72,300	79,400	51,500	58,900	72,400	94,800	57,600
Minimum	9,200	12,700	24,100	19,400	11,300	9,600	8,300	4,760	3,990	5,510	5,800	7,700	17,690
Mean <sup>b</sup>	56,200	66,600	70,700	57,200	36,900	27,200	24,500	21,000	16,100	14,800	21,100	35,800	37,200
Median <sup>b</sup>	51,200	63,400	60,900	52,400	32,700	24,200	20,600	17,800	13,200	13,000	16,100	31,200	37,200

b. For Period 1874 - 1964





SYMBOLS

- MONTHLY RAINFALL ABOVE CHATTANOOGA
- ▨ MONTHLY RUNOFF AT CHATTANOOGA (UNREGULATED)
- ▩ ACTUAL MONTHLY RUNOFF AT CHATTANOOGA (REGULATED)

RAINFALL AND RUNOFF  
IN THE  
TENNESSEE RIVER BASIN

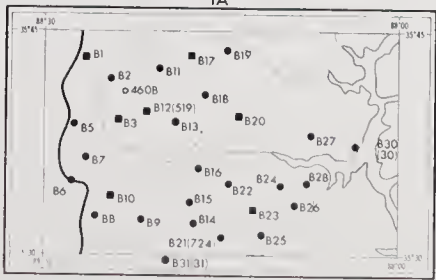
## EVAPORATION DATA—YEAR 1966

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Evaporation (Inches)													
Murphy, N. C.	0.78a	1.02a	3.26	2.95	3.98	5.62	5.70	5.41	3.34	2.78	1.38a	1.06a	37.28a
Beetree Dam, N. C.	0.97a	1.04a	3.06a	3.17	4.11	4.66	4.61	4.60	2.53	2.14a	1.20a	0.73a	32.82a
Jefferson City, Tenn.	0.81a	1.06a	3.92	3.37	5.03	6.59	5.64	4.70	3.58	2.45a	1.20	0.77	39.12a
Pulaski, Tenn.	----	1.39a	3.62	4.60	5.54	6.89	7.36	5.52a	3.88	3.73	2.00	0.98	----
Marion, Va.	----	----	3.35a	3.15	5.18a	6.12a	5.89a	4.15	3.48a	----	----	----	----
Precipitation (Inches)													
Murphy, N. C.	5.22	7.51	5.37	6.56	3.96	2.77	6.37	5.96	4.11	5.29	4.19	3.17	60.48
Beetree Dam, N. C.	2.77	5.17	2.40	5.05	3.51	3.01	4.97	6.92	4.35	5.65	4.25	3.14	51.19
Jefferson City, Tenn.	3.41	4.64	3.17	4.53	2.47	3.22	4.38	4.67	5.49	4.88	5.13	3.23	49.22
Pulaski, Tenn.	3.85	5.26	1.41	2.20	5.89	0.81	5.46	7.68	3.27	2.75	2.78	7.62	48.98
Marion, Va.	3.18	3.15	1.71	5.07	3.72	1.64	6.34	3.20	6.35	3.67	4.13	3.78	45.94
Average Air Temperature (Degrees F)													
Murphy, N. C.	33	39	45	53	61	66	72	71	65	55	47	39	54
Beetree Dam, N. C.	32	37	44	52	60	65	69	68	61	52	45	36	52
Jefferson City, Tenn.	31	40	47a	56	65	71	76	74	65	53	46	36	55a
Pulaski, Tenn.	--	41	49	59	64	72	78	74	69	55	50	39	--
Marion, Va.	25	31	41	48	59	66	72	70	63	53	44	34	50
Average Water Temperature (Degrees F)													
Murphy, N. C.	39a	43a	54	58a	71	78	82	81	72	59	52a	45	61a
Beetree Dam, N. C.	35a	39a	50a	57a	69	74	78	78	68	56	49a	39a	58a
Jefferson City, Tenn.	38a	44a	55a	58	69	77a	83	80	71a	58	51	40a	60a
Pulaski, Tenn.	--	46a	57	63	72	79	86	81	74	61	53	43a	--
Marion, Va.	31a	36a	50a	53	67	74	78	78	68	58	50a	--	--
Average Relative Humidity (Percent)													
Murphy, N. C.	85	84	73	80	86	82	87	90	90	85	89	88	85
Beetree Dam, N. C.	85	86	73	81	88	90	94	96	95	90	90a	88	88a
Jefferson City, Tenn.	85	81	70	82	89	86	--	83	83	76	79	78	--
Pulaski, Tenn.	--	81	70	73	79	77	82	87	88	74	72	84	--
Marion, Va.	91	88	75	86	85	85	--	--	--	--	--	--	--
Average Wind Velocity (Miles Per Hour)													
Murphy, N. C.	0.80	1.07	1.05	0.78	0.31	0.40	0.42	0.54	0.56	0.70	0.70	0.77	0.68
Beetree Dam, N. C.	1.37	1.25	1.50	1.25	0.53	0.43	0.42	0.33	0.37	0.56	1.03	1.00	0.84
Jefferson City, Tenn.	1.28	1.34	1.76	1.37	0.66	0.75	0.68	0.62	0.82	0.68	1.07	1.04	1.01
Pulaski, Tenn.	----	1.39	1.47	1.67	1.03	0.83	0.63	0.71	0.56	0.88	1.07	1.21	----
Marion, Va.	2.19	2.08	2.32	1.89	1.07	0.72	1.06	0.91	1.08	1.33	1.93	1.89	1.54

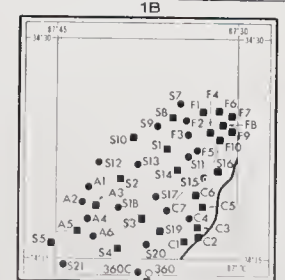
Guntersville, Alabama, was discontinued January 2, 1966.  
Pulaski, Tennessee, was established January 2, 1966.

a = Partly estimated





BEECH RIVER WATERSHED



UPPER BEAR CREEK  
EXPERIMENTAL WATERSHED

LEGEND

- Nonrecording rain gages
- Recording rain gages
- Radio rain gages
- Dams
- Dams under construction

T.V.A.  
U.S.W.B. and  
Other Agencies

Red numbers denote the respective tables  
in which records of rainfall stations  
within the areas shown are listed.

TENNESSEE VALLEY AUTHORITY  
DIVISION OF WATER CONTROL PLANNING

TENNESSEE RIVER BASIN  
INDEX TO  
RAINFALL STATIONS



STATIONS AS OF DECEMBER 1966

Figures in the "mean or normal" column in the following tabulation are determined as follows: For the U. S. Weather Bureau stations, the figures are normals based on the 30-year period 1931-1960, computed by the Weather Bureau. For TVA and other agency stations with 18 or more years of record through 1964, the figures are long-term means adjusted to the 30-year period 1935-1964. For stations with 5 to 17 years of record in 1964, the figures are running averages for the period of record. No means are listed for records of less than 5 complete years.

TABLE 1  
PRECIPITATION  
IN  
WATERSHED SUBDIVISION NO. 1  
TENNESSEE RIVER AND MINOR TRIBUTARIES  
MOUTH TO KNOXVILLE















# ANNUAL 100 RECIPIENTS

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R		Depth of Snow (Inches)		
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l		Total	Nor'l
UPPER BEAR CREEK WATERSHED (SEE INSET B) - CONTINUED																																		
F3	DEWINE CEMETERY, NEAR	B-4	TVA	1050	3	#5.95		#4.78		#2.96		#4.78		5.06		1.45		2.37		5.46		4.35		3.28		2.42		#7.19		#43.46	12.0			
F4	DEWINE CEMETERY, NEAR	B-4	TVA	1050	3	#5.95		#4.78		#2.96		#4.78		5.06		1.45		2.37		5.46		4.35		3.28		2.42		7.43		#43.43	12.5			
F5	GRANDE CHURCH, NEAR	B-4	TVA	980	3	#5.85		5.08		2.13		5.08		5.01		1.01		1.96		5.36		1.49		3.25		2.60		7.36		#49.10				
F6	ABOVE STATION #F-1 R	B-4	TVA	1060	3	#6.08		4.01		2.34		4.01		4.88		1.63		1.83		5.19		3.97		3.07		2.51		7.16		#47.21				
F7	ABOVE STATION #F-2 R	B-4	TVA	1070	3	#6.07		4.10		2.38		4.10		4.98		1.82		1.79		5.42		4.00		3.40		2.89		7.22		#48.79				
F8	FLINT GROVE SCHOOL, NEAR R	B-4	TVA	1065	3	#6.11		5.01		#2.05		5.01		4.76		1.52		1.78		5.01		3.78		3.21		2.72		6.95		#41.60				
F9	STINSON GAP, NEAR R	B-4	TVA	1045	3	#5.61		4.96		2.09		3.97		4.63		1.81		1.68		5.61		3.92		3.01		2.71		7.18		#47.18				
F10	AT STATION #F-1 R	B-4	TVA	990	3	#5.67		4.93		2.12		4.93		4.87		1.92		2.04		5.03		4.11		2.82		2.48		7.21		#47.10				
S1	CARROLL CROSSROADS, NEAR R	B-4	TVA	1010	4	6.37		4.72		2.73		5.36		4.21		2.69		2.37		5.46		4.12		3.15		2.52		6.86		#49.96				
S2	MOUNTAIN VIEW CHURCH, NEAR R	B-4	TVA	960	4	5.46		4.73		2.87		5.33		4.51		2.11		3.51		7.75		4.79		2.93		2.51		6.72		92.97				
S3	SHILOH CEMETERY, NEAR R	B-4	TVA	900	4	5.10		4.56		2.13		5.02		4.24		#1.63		3.63		8.29		4.60		2.55		1.85		6.87		#45.97				
S4	OLD UNION CHURCH, AT R	B-4	TVA	930	4	4.88		4.18		1.98		5.91		4.51		1.46		4.17		7.93		5.18		2.30		2.12		6.48		56.11				
S5	MOUNTAIN HOME CHURCH, NEAR R	B-4	TVA	830	4	5.31		4.81		2.90		6.06		4.06		2.32		4.71		9.97		4.23		2.76		2.87		6.88		56.22				
S6	BALEYVILLE, AT R	B-4	TVA	590	4	4.93		#5.89		1.99		5.71		4.11		3.84		6.90		8.12		7.09		2.70		2.70		6.88		#60.28				
360C	BALEYVILLE	B-4	TVA	930	8	4.88		5.13		5.23		5.94		6.06		4.27		4.36		9.30		4.67		2.80		2.87		4.11		#59.16	56.69			
360	BALEYVILLE	B-4	USAR	910	30	5.03		6.59		4.87		6.63		5.30		4.72		3.79		5.22		3.66		3.47		2.93		4.48		#63.87	58.01			
S7	GRAY ROCK CHURCH, NEAR	B-4	TVA	1060	3	#6.27		4.89		2.85		4.89		#4.86		1.82		4.51		6.67		4.21		3.25		2.78		6.90		#51.17	13.0			
S8	GAY ROCK CHURCH, NEAR R	B-4	TVA	1040	3	5.74		#4.39		2.42		4.39		4.55		2.38		3.13		6.80		3.57		3.28		2.29		6.56		#49.51				
S9	ENTERPRISE SCHOOL, NEAR	B-4	TVA	1600	3	#5.13		3.99		2.72		3.99		5.13		#2.24		3.99		7.12		#4.22		3.69		#2.75		7.94		#51.39	13.0			
S10	ENTERPRISE SCHOOL, NEAR R	B-4	TVA	1580	3	#5.14		3.99		2.72		3.99		5.13		#2.24		3.99		7.12		#4.22		3.69		#2.75		7.94		#51.39				
S11	CHAMULT SPRING, AT	B-4	TVA	1025	3	#6.08		5.15		#2.27		5.15		4.99		1.82		1.99		6.23		4.10		3.31		2.74		7.17		#50.75	13.0			
S12	DOOLEY CEMETERY, NEAR	B-4	TVA	1020	3	#6.31		4.95		#2.94		4.95		5.89		1.74		3.19		7.39		#2.65		2.65		2.54		6.90		#51.91	12.0			
S13	DOOLEY HILLS, NEAR	B-4	TVA	1015	3	#5.32		4.95		#2.97		4.95		5.89		#2.46		3.19		7.39		#2.65		2.65		2.54		6.90		#51.91				
S14	NEW BELLEFON CHURCH R	B-4	TVA	910	3	5.31		4.95		2.95		4.95		4.25		1.77		1.98		5.97		4.21		2.68		2.46		6.78		#43.29	13.0			
S15	KINDOCK LOOKOUT TOWER, NEAR	B-4	TVA	940	3	#5.16		4.95		#2.27		4.95		5.32		1.59		1.74		6.53		5.32		#2.98		2.55		7.27		#51.09	10.0			
S16	MACDONALD CEMETERY, NEAR R	B-4	TVA	980	3	4.97		4.79		2.05		4.79		5.29		1.54		#1.98		6.15		1.59		2.86		2.82		7.06		#46.62				
S17	DINE, NEAR	B-4	TVA	940	3	#5.18		5.08		2.03		5.08		4.71		1.78		1.54		8.60		4.45		2.62		2.40		#6.90		#50.93	11.5			
S18	BETHEL CHURCH, NEAR	B-4	TVA	965	3	#5.43		#4.90		#2.83		4.98		4.88		1.45		1.95		8.62		4.97		2.69		2.57		7.10		#52.37	13.0			
S19	SUNNY HOME CHURCH, NEAR R	B-4	TVA	920	3	4.74		5.13		2.34		5.01		4.60		3.11		2.61		8.30		4.98		2.33		2.41		6.82		#56.38				
S20	CURTIS CHURCH, NEAR	B-4	TVA	940	3	#4.79		5.06		1.90		5.68		#4.38		1.85		4.27		8.65		5.21		#2.44		2.72		6.91		#54.06	10.0			
S21	BAZEFIELD, NEAR	B-4	TVA	930	3	#5.17		#5.13		2.12		6.20		3.59		2.13		4.12		10.63		#5.73		2.67		2.90		6.77		#57.46	14.0			
(#)	Interpolated or partly interpolated																															(#)	Recorder at present	

TABLE 2  
PRECIPITATION  
IN  
WATERSHED SUBDIVISION NO. 2  
DUCK RIVER









TABLE 3  
PRECIPITATION  
IN  
WATERSHED SUBDIVISION NO. 3  
ELK RIVER









TABLE 4  
PRECIPITATION  
IN  
WATERSHED SUBDIVISION NO. 4  
HIWASSEE RIVER









TABLE 5  
PRECIPITATION  
IN  
WATERSHED SUBDIVISION NO. 5  
LITTLE TENNESSEE RIVER





Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R		Depth of snow (inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
LITTLE TENNESSEE RIVER - SUBDIVISION NO. 5																																
763	MCNEE, NEAR	E-3	EL CO		765	5	3.98	6.19		3.40	3.01		5.90	5.90	1.34		6.73		4.93		4.07		5.27		2.60		5.91		2.40		53.89	13.0
171	MCNEE	E-3	TVA	810	62	4.19	5.43	6.09	5.33	3.21	2.71	4.40	3.17	4.40	5.90	3.79	1.22	3.75	4.97	3.73	3.61	4.53	2.90	5.27	2.60	5.91	4.00	2.70	4.38	53.89	30.47	13.0
173	KITTLE	E-3	TVA	1000	32	3.77	5.32	5.87	5.19	4.41	5.62	4.20	4.48	2.95	3.94	2.92	3.82	6.05	4.36	3.95	2.80	3.95	2.80	4.92	2.67	4.92	4.09	2.48	4.30	56.45	51.27	12.5
174	TELLICO PLAINS	E-3	TVA	880	53	4.77	5.72	5.84	2.53	4.21	5.38	5.38	4.43	3.94	4.13	3.24	2.76	5.94	4.26	10.85	4.06	3.48	2.85	2.85	2.65	4.99	4.09	2.77	4.40	60.16	52.63	12.1
175A	BAW RIVER, RADIO	E-3	TVA	5470	14	4.60	7.3	9.2	9.2	6.3	8.61	9.3	7.7	2.4	3.1	3.5	6.7	8.1	7.8	10.9	5.92	5.2	6.8	6.72	3.94	10.61	5.95	4.63	6.0	63.16	72.7	12.1
175B	BAW RIVER, RADIO	E-3	TVA	4990	32	6.59	8.07	10.38	7.65	7.22	8.01	11.99	6.62	6.24	5.27	3.75	6.42	8.95	8.20	10.72	5.92	4.40	4.31	6.72	3.94	10.61	5.95	4.63	6.0	63.16	72.7	12.1
175	WINT	E-3	TVA	960	32	4.69	5.40	6.15	5.30	4.39	3.65	4.35	4.21	3.76	3.76	1.48	3.83	6.07	5.40	4.90	3.98	3.10	6.01	2.93	5.79	4.36	2.80	4.55	57.75	32.79	14.7	
176	NORTH CITICO CREEK NO. 1 R	E-3	TVA	1920	32	4.94	5.49	5.75	5.76	4.86	7.37	7.37	5.56	4.25	4.80	3.8	5.6	7.7	7.0	13.02	6.45	5.8	6.23	3.35	6.17	4.79	2.74	4.31	57.75	32.79	14.7	
176A	NORTH CITICO CREEK NO. 2 DF	E-3	TVA	3820	7	46.6	7.1	7.8	7.6	6.4	9.5	7.7	7.3	5.4	5.0	3.8	5.6	7.7	7.0	13.02	6.45	5.8	6.23	3.35	6.17	4.79	2.74	4.31	57.75	32.79	14.7	
176B	NORTH CITICO CREEK NO. 3 DP	E-3	TVA	4440	7	47.8	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
176C	NORTH CITICO CREEK NO. 4	E-3	TVA	2880	3	4.26	5.73			5.38																						
176D	NORTH CITICO CREEK NO. 5 R	E-3	TVA	2880	3	4.26	5.73			5.38																						
66A	ABRAMS CREEK	F-3	USDI	1400	21	3.76	5.91	6.17	5.61	4.84	6.09	3.78	4.97	3.46	4.40	3.45	4.60	7.32	6.12	5.48	4.89	4.31	3.11	4.96	2.99	5.94	4.32	3.15	4.79	56.12	38.00	11.3
176	CALDWELL FOWERHOUSE	F-3	ALCOA	950	36	3.60	5.31	5.04	5.43	4.92	2.65	4.99	4.50	3.38	4.27	3.12	4.31	7.77		8.20	4.77	3.28	2.90	6.39	2.83	5.39	3.89	2.24	4.82	57.98	34.71	11.3
176A	CALDWELL FOWERHOUSE	F-3	ALCOA	1110	37	4.94	5.79	6.88	5.93	6.11	6.12	6.90	4.41	5.45	4.18	4.21	4.81	8.60	5.94	14.05	5.72	4.54	3.15	5.79	2.89	5.72	4.00	2.39	4.82	73.38	57.61	11.3
176B	SANTEE LITTLE DAN	F-3	ALCOA	1960	36	3.93	6.31	7.23	5.97	5.36	6.50	4.22	4.40	3.23	3.62	1.82	4.01	5.03	7.62	4.91	5.03	7.62	4.81	2.71	3.73	5.84	4.35	2.80	5.37	57.98	55.95	11.3
176C	SANTEE LITTLE DAN	F-3	TVA	2100	6	5.10	7.21	9.33	7.29	6.18	9.81	6.61	6.99	4.02	3.84	4.21	4.97	7.17	6.55	9.19	6.62	4.70	3.78	5.71	5.29	3.91	5.32	3.91	5.32	70.93	70.62	11.3
176D	SANTEE LITTLE DAN	F-3	TVA	2840	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778B	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778C	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778D	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778E	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778F	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778G	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778H	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778I	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778J	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778K	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778L	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778M	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778N	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778O	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778P	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778Q	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778R	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778S	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778T	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778U	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778V	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778W	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778X	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84	10.30	6.44	7.19	4.39	4.42	3.37	1.95	4.78	6.68	6.87	9.79	6.07	5.00	5.95	3.58	7.33	5.66	4.32	5.98	74.56	75.46	11.3
778Y	LITTLE SANTEE LITTLE DAN	F-3	TVA	4690	6	6.27	8.27	10.38	7.84	6.84</																						



TABLE 6  
PRECIPITATION  
IN  
WATERSHED SUBDIVISION NO. 6  
FRENCH BROAD RIVER





Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R		Depth of Snow (Inches)																																																																																																																																																																														
						Total	No. 1	Total	No. 1	Total	No. 1	Total	No. 1	Total	No. 1	Total	No. 1	Total	No. 1	Total	No. 1	Total	No. 1	Total	No. 1	Total	No. 1	Total	No. 1	Total	No. 1		Total	No. 1																																																																																																																																																																												
SEVEN BROAD RIVER - SUBDIVISION NO. 6																																																																																																																																																																																																														
642	SEKIVILLE	F-3	TVA	900	48	3.46	5.39	4.41	4.73	3.21	4.72	4.49	3.75	3.24	3.75	1.10	4.20	5.17	2.21	5.81	3.95	4.67	2.60	4.51	2.32	2.35	4.10	47.02	48.99	47.02	48.99	11-9																																																																																																																																																																														
643	SEKIVILLE	F-3	USNB	930	11	3.75	4.05	4.53	4.70	2.59	4.99	3.74	3.97	2.28	3.13	1.38	3.49	3.18	4.48	5.02	3.17	3.02	4.14	4.11	3.31	3.58	3.38	47.02	48.99	47.02	48.99	11-9																																																																																																																																																																														
75A	JONES COVE	F-3	TVA	1160	10	4.39	5.31	4.82	3.96	4.03	4.84	4.34	4.34	2.87	3.64	2.62	4.04	3.16	4.83	7.73	4.96	4.04	3.44	4.11	3.31	3.58	3.38	47.02	48.99	47.02	48.99	11-9																																																																																																																																																																														
399A	PITMAN CENTER R	F-3	TVA	1310	14	3.40	3.08	4.60	3.89	2.74	4.39	4.30	3.51	4.21	3.37	3.12	3.55	5.18	4.86	5.66	7.79	7.72	4.08	2.76	4.33	2.85	3.30	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																														
406	PIEDMONT FORGE R	F-3	TVA	1030	26	3.80	4.78	4.70	4.50	3.98	4.95	3.81	3.37	2.97	4.11	6.16	4.98	5.18	6.16	4.98	7.79	7.72	4.08	2.76	4.33	2.85	3.30	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																														
209	WATKINSVILLE, NEAR	F-3	USNB	1460	41	3.83	5.05	4.56	5.14	4.11	5.64	5.27	4.60	3.12	4.11	6.43	5.17	7.23	6.53	12.73	5.29	2.99	3.04	4.40	3.05	3.92	4.18	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																														
210	MILL CREEK	F-3	TVA	6190	25	4.65	6.26	4.81	6.87	4.81	7.55	7.09	6.12	5.75	6.12	3.53	6.93	10.32	9.63	13.34	7.82	8.42	5.19	5.07	5.19	5.28	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																															
211	DAUGHERD	F-2	TVA	928	65	3.62	4.57	4.25	4.64	3.43	4.92	4.27	3.50	2.70	3.18	1.41	3.40	3.33	4.61	4.58	6.97	3.47	4.53	2.59	3.60	3.19	3.96	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																														
212	WHITE PINE	F-2	TVA	1150	32	3.39	4.15	4.85	4.19	2.69	4.40	3.32	4.40	3.63	3.31	1.85	3.09	2.49	3.48	8.71	4.36	8.42	5.19	5.07	5.19	5.28	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																															
213	LICK CREEK R	F-2	TVA	1175	31	3.39	3.92	3.36	3.87	2.59	4.11	4.27	3.50	2.70	3.18	1.41	3.40	3.33	4.61	4.58	6.97	3.47	4.53	2.59	3.60	3.19	3.96	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																														
215	JEARLESTOWN	F-2	TVA	1470	32	3.31	4.25	4.89	4.28	2.57	4.75	6.98	3.34	1.45	3.53	3.09	2.49	3.48	8.71	4.36	8.42	5.19	5.07	5.19	5.28	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																																
661	WATKINSVILLE, NEAR	F-3	TVA	1480	22	3.31	4.25	4.89	4.28	2.57	4.75	6.98	3.34	1.45	3.53	3.09	2.49	3.48	8.71	4.36	8.42	5.19	5.07	5.19	5.28	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																																
217	GREENVILLE, NEAR	F-3	USNB	1320	34	3.45	3.76	3.23	3.90	2.69	4.44	4.92	3.13	3.91	3.28	1.02	3.60	5.42	5.02	5.37	3.59	4.37	3.05	4.06	2.45	3.31	3.21	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																														
218	CAMP CREEK BALD R	F-2	TVA	4660	32	4.98	5.41	6.37	5.37	3.61	5.98	6.78	4.64	5.92	4.44	6.97	5.48	7.72	7.24	9.86	5.18	6.56	4.10	5.76	3.68	4.10	3.31	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																														
219	LIMESTONE COVE	F-2	TVA	1420	32	3.10	3.74	3.32	3.73	2.55	4.21	4.54	3.32	3.16	3.36	1.02	3.60	5.42	5.02	5.37	3.59	4.37	3.05	4.06	2.45	3.31	3.21	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																														
730	CENTERSVILLE	F-2	TVA	1650	14	5.61	6.60	4.23	4.84	3.01	5.19	4.61	4.16	4.73	3.85	2.49	3.48	8.71	4.36	8.42	5.19	5.07	5.19	5.28	46.37	48.37	46.37	48.37	46.37	48.37	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																											
220	ERWIN	F-2	USNB	1900	10	3.41	3.79	3.78	4.17	2.21	4.64	4.99	3.61	4.54	4.02	2.70	4.02	6.60	6.09	6.71	3.87	6.10	2.59	4.24	2.82	3.40	3.31	46.37	48.37	46.37	48.37	46.37	48.37	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																								
753	UNIOCI	F-2	USNB	2021	30	4.35	4.27	3.98	4.62	2.13	4.82	4.96	3.61	4.54	4.02	2.70	4.02	6.60	6.09	6.71	3.87	6.10	2.59	4.24	2.82	3.40	3.31	46.37	48.37	46.37	48.37	46.37	48.37	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																								
643	LIMESTONE COVE	F-2	TVA	2365	22	3.18	4.96	5.04	4.61	2.08	5.21	4.58	4.31	3.53	4.42	3.40	3.55	4.41	5.23	6.75	6.81	7.25	6.81	3.23	3.40	3.31	46.37	48.37	46.37	48.37	46.37	48.37	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																									
649	FOPLAR	F-2	TVA	2000	21	3.18	4.96	5.04	4.61	2.08	5.21	4.58	4.31	3.53	4.42	3.40	3.55	4.41	5.23	6.75	6.81	7.25	6.81	3.23	3.40	3.31	46.37	48.37	46.37	48.37	46.37	48.37	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																									
229	BATON ROUGE	F-2	TVA	2600	32	3.11	3.70	3.44	3.46	1.45	4.09	3.03	3.10	2.45	3.17	1.87	3.16	5.55	4.35	3.82	3.99	3.02	3.18	4.36	2.23	2.99	2.62	46.37	48.37	46.37	48.37	46.37	48.37	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																								
432	BARNSVILLE	F-2	TVA	2600	32	3.11	3.70	3.44	3.46	1.45	4.09	3.03	3.10	2.45	3.17	1.87	3.16	5.55	4.35	3.82	3.99	3.02	3.18	4.36	2.23	2.99	2.62	46.37	48.37	46.37	48.37	46.37	48.37	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																								
232	CELO	F-2	USNB	2750	32	3.69	4.66	8.44	4.60	2.79	5.62	5.36	4.27	3.18	3.95	2.64	3.77	5.53	5.23	4.41	5.36	6.28	4.51	4.38	3.33	3.68	3.46	46.37	48.37	46.37	48.37	46.37	48.37	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																								
233	CELO, NEAR	F-2	USNB	2700	24	4.51	5.05	9.33	4.96	2.75	6.03	5.50	4.51	3.58	4.18	2.22	5.57	5.23	4.41	5.36	6.28	4.51	4.38	3.33	3.68	3.46	46.37	48.37	46.37	48.37	46.37	48.37	46.37	48.37	46.37	48.37	20-3																																																																																																																																																																									
234	CELO, NEAR	F-2	USNB	2660	42	6.64	5.93	10.91	6.27	4.74	5.93	5.99	4.88	3.21	4.70	5.17	6.24	6.79	4.85	6.08	2.92	3.36	2.62	4.68	2.78	2.57	3.39	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.70	43.04	50.

# ANNUAL 1966 PRECIPITATION—In Inches

TENNESSEE VALLEY AUTHORITY

DIVISION OF WATER CONTROL PLANNING

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs of Record	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Y E A R	Depth of Snow (Inches)														
FRENCH BRANCH RIVER - SUBDIVISION NO. 6 - CONTINUED																																	
666	WATKINSVILLE	G-3	TVA	2220	21	2.95	3.04	3.99	3.25	2.30	3.92	3.22	3.29	1.47	2.97	2.98	3.83	4.10	4.06	4.21	3.57	5.79	2.41	3.64	2.33	3.11	2.32	2.40	2.54	39.76	37.53		
265	LEICESTER	G-3	TVA	2170	32	3.01	3.20	4.77	3.17	2.31	4.16	4.15	3.22	2.27	2.83	1.56	3.60	2.89	4.90	9.26	4.39	4.62	2.60	4.71	2.46	3.11	2.68	2.63	2.75	4.89	39.96		
265A	WATKINSVILLE WATERSHED NO. 6 R	G-3	TVA	2030	13	2.71	2.68	4.08	3.49	2.10	4.12	3.44	3.70	1.13	2.70	1.39	3.02	4.59	4.15	4.58	4.03	5.35	3.24	4.10	3.02	2.07	2.59	2.57	2.28	39.21	39.02		
786	PARKER BRANCH R	G-3	TVA	2030	14	2.25	2.72	4.17	3.19	1.94	3.91	2.92	3.26	1.89	2.44	1.78	2.87	4.78	4.08	4.56	4.30	5.14	2.78	3.87	2.63	3.18	2.15	2.31	2.30	38.36	36.98		
267B	ASHEVILLE	G-3	TVA	2130	91	42.80	3.17	3.04	3.04	1.72	3.74	3.13	3.19	2.21	2.87	1.05	3.52	3.91	4.31	4.30	3.30	5.78	2.78	4.01	2.49	2.74	2.22	2.36	2.92	43.04	37.88		
267	ASHEVILLE R	G-3	USWB	2274	91	3.16	3.17	4.97	3.04	1.75	3.74	3.13	3.19	2.21	2.87	1.05	3.52	3.91	4.31	4.30	3.30	5.78	2.78	4.01	2.49	2.74	2.22	2.36	2.92	43.04	37.88		
268A	BEHRENS DAM	G-3	TVA	2940	42	2.40	3.53	4.95	3.85	3.31	3.27	2.83	4.09	4.70	5.07	6.07	5.46	4.29	3.63	4.29	3.63	5.46	4.29	3.63	5.46	4.29	3.63	5.46	4.29	3.63	49.65	45.93	
268	BEHRENS DAM R	G-3	TVA	2940	42	2.87	3.53	5.14	3.25	2.04	4.93	4.85	4.74	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	49.65	45.93	
269B	CHADY KNOB R	G-3	TVA	3890	16	3.68	3.34	6.16	4.63	3.53	5.74	4.63	5.02	1.80	4.00	1.87	4.68	6.98	5.66	6.11	5.13	5.68	4.62	5.49	3.75	5.71	3.43	4.02	3.91	4.92	49.65	45.93	
270	SHANNANVA, NEAR	G-3	USWB	2650	36	2.18	3.58	5.25	3.47	2.65	4.21	4.49	4.48	3.40	2.90	1.36	3.36	4.18	4.38	4.23	4.89	4.74	3.37	4.67	3.37	4.67	3.37	4.67	3.37	4.67	49.65	45.93	
271A	NORTH FORK NO. 2	G-3	USWB	2730	36	3.87	3.58	5.25	3.47	2.65	4.21	4.49	4.48	3.40	2.90	1.36	3.36	4.18	4.38	4.23	4.89	4.74	3.37	4.67	3.37	4.67	3.37	4.67	3.37	4.67	49.65	45.93	
271	NORTH FORK NO. 1	G-3	TVA	2765	41	3.71	4.68	6.65	4.81	3.58	5.74	4.68	5.02	1.80	4.00	1.87	4.68	6.98	5.66	6.11	5.13	5.68	4.62	5.49	3.75	5.71	3.43	4.02	3.91	4.92	49.65	45.93	
700	BLACK MOUNTAIN	G-3	USWB	2400	17	3.28	3.55	7.09	4.25	2.78	5.25	4.98	4.39	2.82	3.38	3.43	4.26	5.57	4.08	4.13	4.89	4.86	4.44	2.81	4.74	2.70	3.17	2.49	2.25	4.37	41.87	35.0	
701A	BLACK MOUNTAIN	G-3	USWB	2400	17	3.28	3.55	7.09	4.25	2.78	5.25	4.98	4.39	2.82	3.38	3.43	4.26	5.57	4.08	4.13	4.89	4.86	4.44	2.81	4.74	2.70	3.17	2.49	2.25	4.37	41.87	35.0	
265	ROCKFACE MOUNTAIN	G-3	TVA	3100	32	3.40	3.59	4.40	3.55	2.51	4.29	4.66	3.95	2.16	2.90	0.71	4.01	4.40	5.21	6.76	4.65	4.90	3.15	4.28	3.17	3.62	3.07	2.46	3.58	4.65	41.87	35.0	
275	BENT CREEK	G-3	USFS	2110	33	3.58	3.94	6.94	3.77	2.04	4.68	4.66	3.95	2.16	2.90	0.71	4.01	4.40	5.21	6.76	4.65	4.90	3.15	4.28	3.17	3.62	3.07	2.46	3.58	4.65	41.87	35.0	
751	ASHEVILLE AIRPORT R	G-3	USWB	2140	2	3.37	4.17	6.56	4.03	2.59	4.82	5.47	4.02	4.73	3.66	2.46	3.52	3.24	5.85	7.73	4.94	4.55	3.62	5.37	3.13	3.32	2.77	2.36	3.62	5.37	41.87	35.0	
276B	A & B AIRPORT	G-3	TVA	2090	2	3.19	3.92	5.44	3.86	2.70	4.70	3.58	3.86	2.01	3.34	2.46	4.03	3.82	5.45	5.42	4.91	5.42	4.91	5.42	4.91	5.42	4.91	5.42	4.91	5.42	4.91	41.87	35.0
277	GARREN CREEK	G-3	TVA	2620	31	3.05	4.68	8.33	4.50	2.88	5.56	3.62	4.74	3.00	3.81	4.21	5.11	3.34	5.82	3.90	6.24	4.03	5.18	4.48	4.39	3.10	3.87	3.16	4.38	4.90	49.28	19.0	
278	BLUE RIDGE POST OFFICE R	G-3	TVA	2275	32	3.94	4.51	7.48	4.42	2.83	5.30	4.51	4.26	4.73	3.66	2.46	3.52	3.24	5.85	7.73	4.94	4.55	3.62	5.37	3.13	3.32	2.77	2.36	3.62	5.37	41.87	35.0	
279	HENDERSONVILLE	G-3	USWB	2080	70	3.66	4.76	9.16	4.58	2.36	5.18	5.00	4.54	4.36	4.15	1.73	4.82	3.83	6.16	6.10	5.92	6.52	4.04	5.77	3.75	4.08	3.60	2.61	4.72	5.53	56.12	23.0	
279A	HENDERSONVILLE	G-3	TVA	2210	19	4.19	4.76	8.68	4.58	3.00	5.48	4.45	4.44	4.90	4.15	2.93	4.82	4.29	6.16	8.23	5.82	6.17	4.04	6.01	3.75	4.13	3.60	3.38	4.72	61.64	56.12	23.0	
280	REDS MOUNTAIN	G-3	TVA	2950	32	5.71	6.19	10.56	6.19	3.34	7.31	6.49	6.04	7.11	4.74	2.33	5.87	5.18	6.63	7.97	7.95	7.93	5.23	7.93	5.13	6.12	5.19	3.51	6.05	73.04	71.22	23.0	
281	REDS MOUNTAIN	G-3	TVA	2950	32	5.71	6.19	10.56	6.19	3.34	7.31	6.49	6.04	7.11	4.74	2.33	5.87	5.18	6.63	7.97	7.95	7.93	5.23	7.93	5.13	6.12	5.19	3.51	6.05	73.04	71.22	23.0	
281A	REDS MOUNTAIN	G-3	TVA	2950	32	5.71	6.19	10.56	6.19	3.34	7.31	6.49	6.04	7.11	4.74	2.33	5.87	5.18	6.63	7.97	7.95	7.93	5.23	7.93	5.13	6.12	5.19	3.51	6.05	73.04	71.22	23.0	
766A	FLETCHER, NEAR	G-3	NC	3070	7	3.23	3.69	7.57	3.20	4.56	5.73	6.35	5.35	3.22	3.22	1.31	4.44	3.35	5.77	11.51	7.38	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.68	60.17	53.63	
281C	MILLS RIVER R	G-3	TVA	2150	31	3.75	4.58	8.78	4.45	3.66	4.97	6.85	4.15	2.91	3.71	1.21	4.25	3.25	5.77	11.51	7.38	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.68	60.17	53.63	
275A	BECK FOREST	G-3	TVA	2915	8	5.84	5.56	12.87	7.64	4.35	7.33	7.08	6.64	2.91	3.71	1.21	4.25	3.25	5.77	11.51	7.38	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.68	60.17	53.63	
283	CLARK MOUNTAIN R	G-3	TVA	2750	31	4.65	6.84	13.41	6.96	4.30	7.88	7.64	6.59	2.67	3.36	0.97	6.36	8.11	7.51	4.75	8.15	9.17	5.76	7.43	5.35	6.75	5.99	4.50	6.88	84.13	79.48		
284	CLARK MOUNTAIN R	G-3	TVA	2750	31	4.65	6.84	13.41	6.96	4.30	7.88	7.64	6.59	2.67	3.36	0.97	6.36	8.11	7.51	4.75	8.15	9.17	5.76	7.43	5.35	6.75	5.99	4.50	6.88	84.13	79.48		
476	CLARK MOUNTAIN R	G-3	USWB	2150	27	5.94	5.35	9.72	5.46	3.71	6.84	6.07	4.99	1.42	1.70	0.97	4.43	3.01	6.45	8.52	7.44	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94	84.13	79.48	
662	CLARK MOUNTAIN R	G-3	TVA	3120	21	4.99	6.74	12.75	6.72	4.19	7.38	7.64	6.59	2.67	3.36	0.97	6.36	8.11	7.51	4.75	8.15	9.17	5.76	7.43	5.35	6.75	5.99	4.50	6.88	84.13	79.48		
285	CLARK MOUNTAIN R	G-3	TVA	3120	21	4.99	6.74	12.75	6.72	4.19	7.38	7.64	6.59	2.67	3.36	0.97	6.36	8.11	7.51	4.75	8.15	9.17	5.76	7.43	5.35	6.75	5.99	4.50	6.88	84.13	79.48		
285A	CLARK MOUNTAIN R	G-3	TVA	3120	21	4.99	6.74	12.75	6.72	4.19	7.38	7.64	6.59	2.67	3.36	0.97	6.36	8.11	7.51	4.75	8.15	9.17	5.76	7.43	5.35	6.75	5.99	4.50	6.88	84.13	79.48		
286	CLARK MOUNTAIN R	G-3	TVA	3120	21	4.99	6.74	12.75	6.72	4.19	7.38	7.64	6.59	2.67	3.36	0.97	6.36	8.11	7.51	4.75	8.15	9.17	5.76	7.43	5.35	6.75	5.99	4.50	6.88	84.13	79.48		
286A	CLARK MOUNTAIN R	G-3	TVA	3120	21	4.99	6.74	12.75	6.72	4.19	7.38	7.64	6.59	2.67	3.36	0.97	6.36	8.11	7.51	4.75	8.15	9.17	5.76	7.43	5.35	6.75	5.99	4.50	6.88	84.13	79.48		
286B	CLARK MOUNTAIN R	G-3	TVA	3120	21	4.99	6.74	12.75	6.72	4.19	7.38	7.64	6.59	2.67	3.36	0.97	6.36	8.11	7.51	4.75	8.10												

TABLE 7  
PRECIPITATION  
IN  
WATERSHED SUBDIVISION NO. 7  
HOLSTON RIVER





Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R	Depth of Snow (Inches)	
						Total	No'r'l	Total	No'r'l	Total	No'r'l	Total	No'r'l	Total	No'r'l	Total	No'r'l	Total	No'r'l	Total	No'r'l	Total	No'r'l	Total	No'r'l	Total	No'r'l	Total	No'r'l			Total
ALLEGANY RIVER - SUBDIVISION NO. 7																																
395	STAGGERS PLAINS	F-2	TVA	870	28	3.36	4.55	4.93	4.44	4.46	3.48	6.05	4.38	3.97	2.77	2.96	2.30	3.67	50.72	44.97	9.7											
289	JOFFA	F-2	TVA	935	32	3.58	5.01	4.82	4.98	4.49	3.52	7.23	4.13	3.34	2.28	2.46	1.66	2.84	40.72	2.7	16.7											
469	CHESSMAN DAM	F-2	TVA	1060	26	3.17	4.53	4.57	4.52	2.88	3.60	4.99	4.30	3.07	3.38	2.75	2.62	3.31	46.84	44.75	8.0											
579	JEFFERSON CITY SWP STA	F-2	TVA	1200	25	3.41	4.56	4.64	4.93	3.30	3.20	3.22	3.66	4.87	3.71	2.92	2.13	3.64	49.22	45.47	10.1											
250	MORRISTOWN, NEAR	F-2	TVA	1345	31	3.04	4.79	4.64	5.00	3.25	3.17	7.94	5.02	6.01	3.90	2.89	2.13	3.23	53.64	47.15	20.6											
346	FLAT GAP	F-2	TVA	2000	31	3.70	4.92	4.97	4.85	3.02	3.17	7.93	4.60	3.66	3.80	2.32	1.81	3.38	53.64	47.15	20.6											
201	ROCKSVILLE	O-2	USWB	1375	84	3.93	4.40	4.93	4.90	3.19	3.62	7.35	4.80	3.78	3.49	2.61	2.10	3.19	49.22	43.83	38.1											
727	JOHN SEVIER STEAM PLANT R	O-2	TVA	1120	11	3.93	3.99	4.71	4.61	3.39	3.74	7.35	4.80	3.78	3.49	2.61	2.10	3.19	49.22	43.83	38.1											
347	LITTLE MAR GAP	F-2	TVA	1980	32	2.91	4.70	2.84	5.01	2.57	3.87	7.35	4.80	3.78	3.49	2.61	2.10	3.19	49.22	43.83	38.1											
536	STANLEY FURNACE R	O-2	TVA	1330	26	2.97	4.32	4.03	4.16	2.83	3.48	7.35	4.80	3.78	3.49	2.61	2.10	3.19	49.22	43.83	38.1											
704	JOHN CORNOR R	O-2	TVA	1350	62	2.97	4.32	4.03	4.16	2.83	3.48	7.35	4.80	3.78	3.49	2.61	2.10	3.19	49.22	43.83	38.1											
315	BEAUFORT	O-2	TVA	2990	32	3.21	3.71	3.43	3.86	3.29	3.25	2.66	3.60	3.35	2.49	2.48	3.50	3.07	52.08	49.47	31.2											
316	BELLEVILLE	B-2	TVA	1725	26	2.27	3.75	3.00	3.52	2.56	3.42	7.35	4.80	3.78	3.49	2.61	2.10	3.19	49.22	43.83	26.2											
313A	SALTVILLE	B-2	TVA	1725	26	2.27	3.75	3.00	3.52	2.56	3.42	7.35	4.80	3.78	3.49	2.61	2.10	3.19	49.22	43.83	26.2											
320	HICKS GARDEN	B-1	USWB	3075	11	2.91	3.90	4.41	4.41	3.48	3.48	4.07	3.48	3.88	3.48	3.48	3.48	3.48	49.22	43.83	25.7											
253A	KIRKSPORT TEC	O-2	TVA	1200	12	3.03	3.98	3.90	4.46	3.48	3.48	4.07	3.48	3.88	3.48	3.48	3.48	3.48	49.22	43.83	25.7											
293	FERNSHURST	O-2	USWB	1270	45	2.69	4.00	3.91	3.96	2.62	4.13	5.37	3.34	3.59	3.35	2.69	2.82	3.48	49.22	43.83	25.7											
707	BOONE DAM	O-2	TVA	1334	16	3.28	3.66	3.42	3.92	2.63	4.36	5.37	3.60	3.63	3.65	3.65	3.65	3.65	49.22	43.83	25.7											
376	BRISTOL AIRPORT, TEAR R	O-2	USWB	1545	29	3.30	3.69	3.50	3.56	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	49.22	43.83	25.7											
688A	NORTH BRISTOL SUBSTA	O-1	TVA	1740	15	2.69	3.88	3.41	4.12	2.62	4.89	6.10	3.74	3.78	3.78	3.78	3.78	3.78	49.22	43.83	25.7											
495	BRISTOL	O-2	USWB	1800	32	2.53	4.04	3.09	3.73	2.88	4.20	5.60	3.48	3.48	3.48	3.48	3.48	3.48	49.22	43.83	25.7											
307	WALLACE, NEAR	O-2	TVA	1885	31	3.25	4.16	3.10	3.90	3.69	3.78	5.66	3.48	3.48	3.48	3.48	3.48	3.48	49.22	43.83	25.7											
306	LOVED CITY	O-2	TVA	1940	40	3.05	4.16	3.10	3.90	3.69	3.78	5.66	3.48	3.48	3.48	3.48	3.48	3.48	49.22	43.83	25.7											
597	SOUTH BRISTOL DAM	O-2	TVA	1515	21	3.05	4.16	3.10	3.90	3.69	3.78	5.66	3.48	3.48	3.48	3.48	3.48	3.48	49.22	43.83	25.7											
308	CRANDALL	B-2	TVA	2840	40	2.17	4.23	2.47	4.83	2.43	4.61	5.92	3.48	3.48	3.48	3.48	3.48	3.48	49.22	43.83	25.7											
604	ABANDON R	B-2	TVA	2930	25	2.78	4.05	3.57	3.96	2.38	4.41	5.62	3.48	3.48	3.48	3.48	3.48	3.48	49.22	43.83	25.7											
718	CHICKAWA	B-2	USWB	2000	15	3.11	3.65	3.22	3.84	2.23	4.38	5.20	3.42	3.42	3.42	3.42	3.42	3.42	49.22	43.83	25.7											
312A	MARTIN SWP STA	B-2	TVA	2100	31	3.11	3.65	3.22	3.84	2.23	4.38	5.20	3.42	3.42	3.42	3.42	3.42	3.42	49.22	43.83	25.7											
312	MARTIN	B-2	TVA	2200	20	2.97	3.51	3.12	3.30	2.00	3.87	4.89	2.92	3.33	3.33	3.33	3.33	3.33	49.22	43.83	25.7											
613	GREENGLASS R	B-2	TVA	2570	24	2.60	3.46	3.28	3.27	1.33	3.77	3.88	3.13	3.69	4.06	3.42	3.42	3.42	49.22	43.83	25.7											
313	MYRTLEVILLE	B-2	USWB	2400	91	3.35	2.75	4.04	3.71	1.73	4.23	4.88	3.18	3.88	3.72	3.88	3.72	3.88	49.22	43.83	25.7											
309	DANMARCUS	B-2	USWB	1910	40	2.83	3.93	3.60	3.91	2.31	4.30	5.61	3.59	3.53	3.53	3.53	3.53	3.53	49.22	43.83	25.7											
732	KONAROCK, RADIO	B-2	TVA	2100	32	2.22	3.31	2.42	4.8	1.7	5.0	4.9	3.7	4.6	4.3	5.1	4.0	4.6	49.22	43.83	25.7											
310	LOVED HILL	B-2	TVA	2660	12	2.03	3.76	2.78	3.53	2.66	3.95	5.81	3.24	4.79	4.44	2.14	3.80	4.01	49.22	43.83	25.7											
311	TEOT DALE	B-2	USWB	3110	32	4.06	4.18	3.68	4.15	2.46	5.05	6.94	4.19	3.43	4.98	2.00	4.37	4.92	49.22	43.83	25.7											
294	CEDAR CREEK	B-2	TVA	1750	32	3.42	4.00	3.72	4.05	2.72	4.49	5.28	3.27	3.52	3.49	5.05	5.76	3.56	49.22	43.83	25.7											
699	JOHNSON CITY SUBSTA	O-2	TVA	1580	19	3.49	3.64	3.73	3.81	2.40	4.42	5.70	3.70	3.09	4.02	1.64	3.31	8.93	49.22	43.83	25.7											
416	JOHNSON CITY VETERANS HOSPITAL	O-2	TVA	1730	49	4.19	3.98	3.94	4.17	3.10	4.59	5.02	3.33	3.90	7.54	3.19	4.05	8.93	49.22	43.83	25.7											
295	ELIZABETH TOWN, 2	O-2	TVA	1512	75	2.96	3.63	3.29	3.72	2.11	4.20	5.37	3.16	3.27	3.12	3.68	8.92	6.01	3.97	49.22	43.83	25.7										
285	STONE MOUNTAIN	O-2	TVA	2590	32	2.71	4.27	4.38	4.32	3.76	3.76	6.41	3.81	8.93	4.46	6.52	6.52	6.52	49.22	43.83	25.7											
703	BOAN MOUNTAIN	O-2	TVA	2695	16	2.82	3.69	4.35	4.02	1.84	4.27	2.88	4.04	3.72	3.72	3.72	3.72	3.72	49.22	43.83	25.7											
686	BAMPTON	O-2	TVA	2010	19	3.54	3.56	3.66	3.89	2.90	4.00	5.93	4.02	4.36	4.36	4.36	4.36	4.36	49.22	43.83	25.7											
496	MATKALA DAM	O-2	TVA	2710	20	3.74	4.20	3.32	4.33	2.08	4.72	6.24	4.22	4.22	4.22	4.22	4.22	4.22	49.22	43.83	25.7											
296	TRAILER, RADIO	O-2	TVA	3340	24	2.64	3.40	6.03	3.14	1.57	3.88	3.25	3.50	3.89	3.04	1.97	3.63	7.15	4.32	49.22	43.83	25.7										
607	REAR	B-2	TVA	2675	24	2.64	3.40	6.03	3.14	1.57	3.88	3.25	3.50	3.89	3.04	1.97	3.63	7.15	4.32	49.22	43.83	25.7										
608B	210WVILLE	B-2	TVA	3710	14	4.00	3.89	4.09	4.50	2.10	4.81	2.54	4.60	4.60	4.60	4.60	4.60	4.60	49.22	43.83	25.7											
609	TRAILER, RADIO	B-2	TVA	3510	20	3.1	3.3	4.04	3.9	3.3	3.7	6.7	4.0	4.1	3.0	5.2	2.7	4.9	3.3	49.22	43.83	25.7										
694	RICE MOUNTAIN GAP R	B-2	TVA	4350	20	4.65	4.94	6.97	3.98	2.17	5.00	5.78	4.52	5.02	4.37	1.93	4.60	8.14	6.03	49.22	43.83	25.7										
303	BOONE	B-2	USWB	3235	38	4.19	4.06	8.17	4.04	2.17	5.10	4.81	4.65	4.65	4.65	4.65	4.65	4.65	49.22	43.83	25.7											
632	BLOWING ROCK	B-2	USWB	3660	20	4.60	4.97	10.32	4.73	2.72	5.78	7.74	5.19	5.19	5.19	5.19	5.19	5.19	49.22	43.83	25.7											

(#) Interpolated or partly interpolated

(R) Recorder at present

(DP) Digital punch

(#) Interpolated or partly interpolated (DF) Digital punch

D I S C O N T I N U E D





TABLE 8  
PRECIPITATION  
IN  
WATERSHED SUBDIVISION NO. 8  
CLINCH RIVER









TABLE 9  
PRECIPITATION  
IN  
WATERSHED SUBDIVISION NO. 9  
CANEEY FORK ABOVE GREAT FALLS DAM



# ANNUAL 1966 PRECIPITATION—In Inches

TENNESSEE VALLEY AUTHORITY

## DIVISION OF WATER CONTROL PLANNING

Sta. No.	Station Name and Location	Index	Owner	Elev.	Tre of Record	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Y E A R	Depth of Snow (Inches)									
CAVEY FORK ABOVE GREAT FALLS DAM - SUBDIVISION NO. 9																												
88	ROCK ISLAND POWERHOUSE	D-3	TVA	900	62	3.77	5.04	2.18	5.62	4.02	3.90	0.79	3.82	6.55	4.82	7.07	3.37	3.46	3.27	2.23	2.43	4.10	4.11	3.27	4.93	47.35	32.46	18.2
439	DIRELL	D-3	TVA	990	27	4.41	5.69	2.20	5.62	4.12	3.84	0.62	4.43	5.46	4.63	7.84	3.62	2.07	3.61	2.75	2.09	4.61	4.06	3.99	4.67	47.79	31.82	17.5
737	MOOREY	C-3	USWB	725	13	3.84	4.37	1.78	5.95	6.95	4.77	0.72	4.27	9.00	5.04	12.01	4.87	3.35	4.06	3.55	2.70	4.74	4.23	6.42	4.51	61.15	55.28	
440	IRVING COLLEGE	D-3	TVA	1090	27	3.84	4.66	2.67	4.95	3.90	3.18	1.23	3.81	3.44	4.40	6.23	3.49	3.08	3.29	3.32	2.08	3.92	3.46	2.64	4.40	44.15	16.09	12.4
441	ALBANY	D-3	TVA	1920	27	4.07	6.33	3.41	6.26	7.97	4.12	2.02	4.45	8.45	4.48	6.44	3.71	4.03	3.35	3.65	2.37	3.93	4.40	4.06	5.29	56.67	36.19	19.7
441A	ALBANY, RADIO	D-3	TVA	1920	15	4.0	4.4	2.9	6.0	6.6	4.0	1.7	4.0	7.6	4.6	5.1	3.1	3.2	3.4	3.3	2.4	3.8	4.6	3.4	4.8	50.0	22.4	
87	MCMINNVILLE	D-3	USWB	1013	84	3.10	5.70	1.78	5.31	2.83	3.00	2.23	4.12	4.46	4.65	4.66	4.12	2.81	3.50	3.40	2.44	3.95	3.68	3.46	5.08	45.47	26.00	15.5
87B	MCMINNVILLE	D-3	TVA	1000	25	3.64	5.66	3.99	5.70	4.26	3.95	0.80	4.11	4.69	5.10	5.14	4.81	2.44	3.26	2.59	2.41	3.77	3.96	4.00	4.93	47.82	31.49	15.5
442	FRIDSDALE	D-3	TVA	1000	27	4.49	5.66	4.27	5.42	2.93	4.11	0.81	3.66	2.97	4.09	7.41	3.95	2.97	3.57	3.20	2.19	3.97	3.92	3.19	4.75	45.12	30.75	15.2
443	MCMINNVILLE R	D-3	TVA	1120	27	4.17	5.61	2.42	5.76	2.77	4.06	1.71	3.76	8.78	4.26	5.20	3.22	2.84	3.55	3.92	2.23	3.49	3.99	4.00	4.93	47.82	31.49	16.0
437	POKEY RIVER	D-3	TVA	900	27	3.82	5.94	2.72	5.24	2.99	5.12	1.28	4.23	8.07	4.12	8.56	3.11	2.90	3.78	2.95	2.37	4.40	4.15	3.68	4.69	45.12	30.75	16.5
432	SPARTA	D-3	TVA	910	50	3.84	5.97	2.65	4.96	5.20	3.95	1.84	4.06	2.60	4.64	8.73	3.94	3.63	3.69	3.44	2.33	4.40	4.15	3.68	4.69	45.12	30.75	16.5
432A	SPARTA, NEAR	D-3	USWB	960	27	4.69	5.96	4.71	5.95	4.37	3.78	1.83	4.16	2.48	4.79	8.95	3.38	3.61	4.14	3.87	2.27	5.05	4.15	4.15	4.67	45.12	30.75	16.5
433	TALLIES	D-2	TVA	1000	27	4.69	5.96	4.71	5.95	4.37	3.78	1.83	4.16	2.48	4.79	8.95	3.38	3.61	4.14	3.87	2.27	5.05	4.15	4.15	4.67	45.12	30.75	16.5
433A	POWERS	D-2	USWB	1940	35	3.88	6.06	2.42	5.42	5.07	4.17	1.05	4.92	6.53	4.88	7.41	4.27	3.18	3.96	3.56	2.35	4.36	4.29	3.99	5.04	45.12	30.75	16.5
434	EASTLAND	D-3	TVA	1750	49	3.92	5.97	4.94	5.88	5.77	4.78	1.19	4.82	5.93	4.74	7.46	4.30	3.52	3.92	2.84	2.80	4.14	4.12	3.95	5.46	51.25	35.99	18.0
435	BERNIST	D-3	TVA	1685	27	3.43	5.31	4.79	5.18	3.45	4.33	1.73	3.89	4.47	4.79	8.07	3.66	3.32	3.17	2.64	2.22	3.16	3.69	3.50	4.74	44.82	49.80	25.0
436	FALLS CREEK PARK	D-3	TVA	1500	27	3.23	5.17	4.63	5.41	3.35	4.37	1.27	3.98	7.87	5.49	6.00	3.97	3.66	3.37	3.04	2.37	3.52	3.96	3.66	4.99	47.53	26.24	18.1
436A	FALLS CREEK PARK, RADIO	D-3	TVA	1500	19	3.5	4.0	3.2	5.8	4.2	4.2	1.2	3.7	7.5	5.6	5.6	3.6	3.2	3.8	3.0	2.4	3.5	4.4	3.7	4.2	46.3	31.2	
(4)	Interpolated or partly interpolated	(R)	Recorder at present	(DP)	Digital punch																							



TABLE 10  
PRECIPITATION  
UNCLASSIFIED STATIONS





# ANNUAL 1966 PRECIPITATION—In Inches

TENNESSEE VALLEY AUTHORITY

DIVISION OF WATER CONTROL PLANNING

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
UNCLASSIFIED STATIONS																																
411A	MORGAN'S AP R	-	USWB	263	96	2.84	6.07	6.88	4.69	1.30	5.07	5.42	4.63	5.69	4.23	0.82	3.69	2.18	3.24	4.28	2.97	3.23	2.82	1.82	2.72	1.27	4.38	2.21	4.93	41.24	49.73	12.8
411	MARTIN SUBSTA	A-2	TVA	385	28	6.37	2.48	2.45	4.80	1.16	2.96	7.12	4.43	6.07	4.45	1.22	4.15	2.25	4.26	2.64	2.74	3.12	2.50	2.72	2.50	4.38	2.21	4.93	49.63	50.57	14.5	
412	JACKSON SUBSTA	A-3	TVA	359	28	3.31	6.48	6.37	5.20	1.91	5.48	7.05	4.78	5.98	4.20	1.89	4.31	6.40	4.22	3.25	3.37	5.44	3.29	3.24	2.37	2.18	4.38	5.87	4.39	53.69	52.47	19.0
413	TUPELO SUBSTA	A-4	TVA	286	28	5.45	3.78	6.88	2.29	1.72	6.66	3.14	4.93	5.25	3.79	2.26	3.90	4.47	4.32	3.99	2.75	1.81	3.12	3.22	2.19	1.62	4.56	2.57	4.78	45.63	52.07	10.1
415	TRIMBLE SUBSTA	A-2	USWB	422	43	6.37	2.76	2.50	4.46	1.04	2.89	6.60	4.36	6.20	4.40	1.24	4.01	5.02	3.83	2.81	2.84	1.23	3.12	4.34	2.03	3.07	4.22	6.09	4.47	49.96	49.63	11.0
44	FULTON	A-4	USWB	315	58	#5.31	2.48	2.70	5.78	1.97	6.40	3.47	4.88	4.80	4.11	1.08	3.60	3.23	3.23	5.02	2.48	1.23	3.12	4.34	2.03	3.07	4.22	6.09	4.47	#49.77	53.25	9.5
510	BEAR R	A-4	USWB	529	26	#5.60	2.79	#5.41	5.12	2.15	2.61	2.25	4.56	4.24	3.88	---	---	#5.63	4.44	---	---	---	---	---	---	---	---	---	---	---	---	---
765A	PARADISE STEAM PLANT R	C-1	TVA	419	7	6.11	3.33	3.78	3.83	1.63	6.23	6.62	3.98	5.29	3.40	2.98	4.37	3.60	3.57	3.73	3.76	3.22	3.79	2.22	1.70	3.77	3.34	5.98	3.36	49.23	44.36	20.0
469	SOUTH NASHVILLE SUBSTA	C-2	TVA	473	27	3.04	2.90	3.68	4.08	1.43	3.46	3.96	3.03	4.47	3.77	1.54	3.42	3.58	4.24	6.22	3.19	3.27	3.06	4.34	2.12	3.03	3.67	5.86	3.97	45.37	47.51	20.0
513	GARDEN CITY	C-4	USWB	504	26	#5.69	5.55	5.90	5.61	3.73	6.20	7.07	4.97	7.29	3.40	2.62	3.48	2.37	4.91	10.86	3.99	5.34	3.24	3.21	2.41	1.97	4.28	3.10	5.06	#59.75	53.10	21.1
639	BOWLING GREEN SUBSTA	C-1	TVA	470	23	#6.29	5.45	4.36	4.34	1.46	5.65	6.97	3.92	3.23	3.88	2.49	4.06	4.27	4.30	3.64	3.23	1.05	3.14	#3.42	2.33	#4.30	3.75	#5.99	4.10	#44.07	43.15	21.1
711A	GALLATIN STEAM PLANT	C-2	TVA	530	14	3.65	4.43	3.46	5.28	1.72	5.10	3.99	4.49	4.76	3.75	0.69	3.28	4.46	4.26	8.76	3.22	5.08	2.91	3.11	2.22	2.83	3.47	5.68	4.00	48.19	46.41	15.5
684	SIMMONS SHADE SUBSTA	D-2	TVA	-	19	5.40	3.70	2.87	4.68	1.32	5.63	6.25	4.26	3.97	3.71	2.72	4.52	2.90	5.15	5.16	2.72	3.32	3.44	2.82	2.38	3.87	4.19	5.79	4.37	46.39	50.75	32.7
(#)	Interpolated or partly interpolated					(R) Recorder at present					(UF) Digital punch																					





UNIVERSITY OF ILLINOIS-URBANA



3 0112 084230793